

WATER SUPPLY, USE, AND STORAGE: 1988 - 1997

Values in acre-feet

	<u>1997</u>	<u>1996</u>	<u>1995</u>	<u>1994</u>	<u>1993</u>	<u>1992</u>	<u>1991</u>	<u>1990</u>	<u>1989</u>	<u>1988</u>
SUPPLY										
South Platte System:										
South Platte Direct Rights	119,689	75,280	109,674	61,177	61,014	76,334	72,035	76,856	73,280	89,880
South Platte Storage Rights	68,492	36,266	55,634	42,940	36,430	39,706	37,374	38,776	33,926	67,392
Bear Creek	47	14	154	569	214	111	656	699	10,022	5,923
Total South Platte System	188,228	111,560	165,462	104,686	97,658	116,151	110,065	116,331	117,228	163,195
Roberts Tunnel /Blue River System	92,174	89,268	98,176	90,479	135,770	89,573	83,681	76,131	85,936	58,564
Effluent Exchange ¹	6,250	19,682	12,824	29,430	20,256	15,190	16,438	11,098	11,194	9,902
Moffat System:										
Fraser Collection System	44,932	47,838	18,174	37,204	32,408	44,148	56,448	56,270	51,461	66,314
Williams Fork Collection System	2,692	1,508	26	-	460	-	2,974	9,348	9,574	5,286
Cabin-Meadow Creek System	2,820	3,068	5,252	7,104	3,652	4,800	2,372	4,948	5,570	4,418
South Boulder Creek	22,142	7,892	33,421	102	620	2	4,094	3,090	468	3,902
Ralston Creek	5,044	214	12,398	1,372	1,328	1,034	1,670	2,184	-	682
Total Moffat System	77,630	60,520	69,271	45,782	38,468	49,984	67,558	75,840	67,073	80,602
Total Water Supply	<u>364,282</u>	<u>281,030</u>	<u>345,733</u>	<u>270,377</u>	<u>292,152</u>	<u>270,898</u>	<u>277,742</u>	<u>279,400</u>	<u>281,431</u>	<u>312,263</u>
USE										
Foothills Filters	162,841	152,057	153,757	145,954	169,908	162,224	133,946	138,781	146,456	165,649
Marston Filters	26,874	20,750	16,877	43,216	39,215	38,175	29,728	30,633	36,561	21,090
Moffat Filters	41,491	57,206	29,634	45,758	13,612	23,646	43,168	51,738	51,438	55,007
Total Water Filtered	231,206	230,013	200,268	234,928	222,735	224,045	206,842	221,152	234,455	241,746
Change in Clear Water Storage	(2)	119	32	(107)	(47)	119	113	(57)	514	(167)
Total Treated Water Delivered ²	231,204	230,132	200,300	234,821	222,688	224,164	206,955	221,095	234,969	241,579
Raw Water Deliveries	30,248	30,910	26,012	34,474	40,743	22,768	28,096	25,813	23,689	25,700
Operating Losses ³	57,275	20,252	64,626	21,222	19,995	24,621	21,307	17,909	13,134	10,336
Evaporation Losses ⁴	1,878	6,154	2,207	10,961	8,236	9,952	9,075	10,068	10,474	22,040
Total Water Use	<u>320,605</u>	<u>287,448</u>	<u>293,145</u>	<u>301,478</u>	<u>291,662</u>	<u>281,505</u>	<u>265,433</u>	<u>274,885</u>	<u>282,266</u>	<u>299,655</u>
STORAGE										
Total Reservoir Storage, December 31	494,510	450,837	504,591	448,117	479,218	478,728	489,335	477,026	472,511	473,346
Total Reservoir Storage, January 1	450,837	504,591	448,117	479,218	478,728	489,335	477,026	472,511	473,346	460,738
Storage Gain or (Loss)	<u>43,673</u>	<u>(53,754)</u>	<u>56,474</u>	<u>(31,101)</u>	<u>490</u>	<u>(10,607)</u>	<u>12,309</u>	<u>4,515</u>	<u>(835)</u>	<u>12,608</u>

¹Initiated exchange programs for Blue River effluent on September 10, 1976.²Total Treated Water Delivered is determined by adding or subtracting Change in Clear Water Storage from Total Water Filtered.³Operating losses are computed. They include river carrying charges and losses between supply and distribution system measuring points, but do not include spills or by-passes attributable to the capacity limitations of facilities.⁴Initiated compensatory storage releases on August 27, 1976, as required for reservoir evaporation losses. Effective April 12, 1989, evaporation losses for Antero, Eleven Mile, and Cheesman Reservoirs are no longer required.